

APPARATUS AND METHOD FOR PRODUCING TWO-SIDED PATTERNED WEBS IN REGISTRATION

5

Abstract

An apparatus for casting a patterned surface on both sides of a web. The apparatus includes a first patterned roll; a second patterned roll; and a means for rotating the first and second patterned rolls such that their patterns are transferred to opposite sides of the web while it is in continuous motion. During this process, their patterns are maintained in
10 continuous registration to within at least 100 microns, and preferably at least 20 microns.